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| FORM PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION | | | DOCKET NUMBER J-HRDS.1001 | | APPLICATION NUMBER | |
| | | | APPLICANT John E. Hards | | | |
| | | | FILING DATE | | GROUP ART UNIT | |

| U.S. PATENT DOCUMENTS | | | | | | |
|-----------------------|--------------------|----------|------------|-------|--------------|-------------------------|
| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB CLASS | FIL. DATE IF APPROP. |
| | 3,808,925 | 5/7/74 | Hards | | | |
| | 3,946,628 | 3/30/76 | VanDerlin | | | |
| | 4,041,820 | 8/16/77 | McGee | | | |
| | 4,130,041 | 12/19/78 | McGee | | | |
| | 4,658,684 | 4/21/87 | Brookhyser | | | |
| | 4,732,067 | 3/22/88 | Yamada | | | |
| | 5,058,473 | 10/22/91 | Yamada | | | |
| | 6,505,658 B2 | 1/14/03 | Koba | | | |
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| FOREIGN PATENT DOCUMENTS | | | | | | | |
|--------------------------|--------------------|------|---------|-------|--------------|-------------|----|
| | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB CLASS | TRANSLATION | |
| | | | | | | YES | NO |
| | | | | | | | |
| | | | | | | | |

| OTHER DOCUMENTS | | |
|-----------------|--|--|
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| EXAMINER | DATE CONSIDERED |
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